

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **SCHEME TO IMPROVE PERFORMANCE OF TIMING RECOVERY SYSTEMS FOR 'READ' CHANNELS IN A HARD DISK DRIVE**, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

None

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

| | |
|----------------------|------------------|
| Lester H. Birnbaum | (Reg. No. 25830) |
| Richard J. Botos | (Reg. No. 32016) |
| Gerard A. deBlasi | (Reg. No. 34149) |
| Anthony Grillo | (Reg. No. 36535) |
| Mark A. Kurisko | (Reg. No. 38944) |
| Robert P. Marley | (Reg. No. 32914) |
| Scott W. McLellan | (Reg. No. 30776) |
| Geraldine Monteleone | (Reg. No. 40097) |
| Scott J. Rittman | (Reg. No. 39010) |
| Ferdinand M. Romano | (Reg. No. 32752) |
| David L. Smith | (Reg. No. 30592) |
| John P. Veschi | (Reg. No. 39058) |

I hereby appoint the attorneys on ATTACHMENT A as associate attorneys in the aforementioned application, practitioners of Customer No. 08933, with full power solely to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected with the prosecution of said application. No other powers are granted to such associate attorneys and such associate attorneys are specifically denied any power of substitution or revocation.

Full name of sole inventor: Viswanath Annampedu

Inventor's signature



Date Oct 8, 2001

Residence: 1208A N. Maxwell Street, Apt. 306, Allentown, PA 18109

Citizenship: India

Post Office Address: as above

ATTACHMENT A

Attorney Names:

| | |
|---------------------|-------------------------|
| Arthur L. Plevy | Registration No. 24,277 |
| Lewis F. Gould, Jr. | Registration No. 25,057 |
| William H. Murray | Registration No. 27,218 |
| Stephan P. Gribok | Registration No. 29,643 |
| Peter J. Cronk | Registration No. 32,021 |
| Richard Redano | Registration No. 32,292 |
| Robert E. Rosenthal | Registration No. 33,450 |
| Richard A. Paikoff | Registration No. 34,892 |
| Jane E. Alexander | Registration No. 36,014 |
| Samuel W. Apicelli | Registration No. 36,427 |
| Steven E. Koffs | Registration No. 37,163 |
| Paul A. Schwarz | Registration No. 37,577 |
| Darius C. Gambino | Registration No. 41,472 |
| Carl A. Giordano | Registration No. 41,780 |
| Anthony Colesanti | Registration No. 42,428 |
| Edward J. Howard | Registration No. 42,670 |
| Gary Maze | Registration No. 42,851 |
| Richard Wong | Registration No. 45,572 |
| Melanie Goddard | Registration No. 46,732 |
| Joseph A. Powers | Registration No. 47,006 |
| Joseph F. Oriti | Registration No. 47,835 |

Telephone calls should be made to Darius C. GambinoPhone No.: 215-979-1281Fax No.: 215-979-1020

All written communications are to be addressed to:

William H. Murray
DUANE, MORRIS & HECKSCHER LLP
4200 One Liberty Place
Philadelphia, PA 19103-7396
(215) 979-1264